

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Shunpei YAMAZAKI et al. Art Unit : Unknown
Serial No. : Not yet assigned Examiner : Unknown
Filed : March 27, 2001
Title : SELF-LIGHT EMITTING DEVICE AND METHOD OF MANUFACTURING
THE SAME

Commissioner for Patents
Washington, D.C. 20231

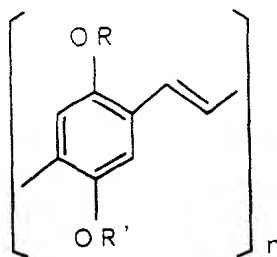
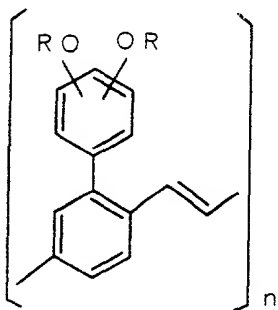
PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

In the specification:

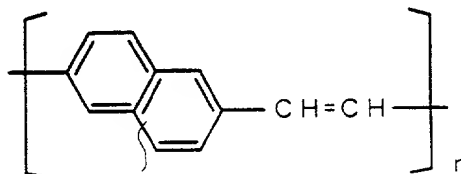
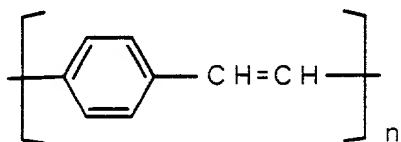
Replace the paragraph beginning at page 12, line 17 with the following rewritten paragraph:

Although there are various types as the PPV organic EL material, for example, the following molecular formula is published ("H. Shenk, H. Becker, O. Gelsen, E. Kluge, W. Kreuder, and H. Spreitzer, "Polymers for Light Emitting Diodes", Euro Display, Proceedings, 1999, p. 33-37").



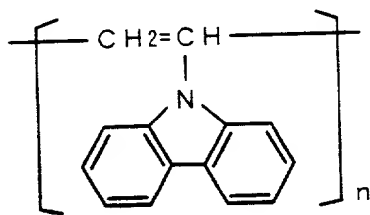
Replace the paragraph beginning at page 13, line 2 with the following rewritten paragraph:

Besides, polyphenylvinyl of a molecular formula disclosed in Japanese Patent Application Laid-open No. Hei. 10-92576 can also be used. The molecular formula is as follows:



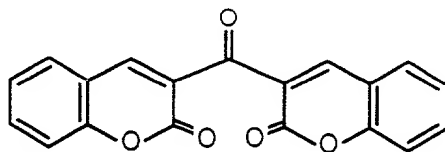
Replace the paragraph beginning at page 13, line 6 with the following rewritten paragraph:

Besides, as the PVK organic EL material, there is a molecular formula as follows:



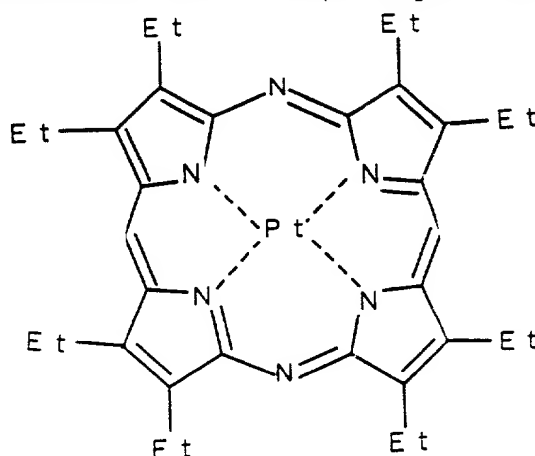
Replace the paragraph beginning at page 45, line 18 with the following rewritten paragraph:

The molecular formula of an EL material (coumarin pigment) reported by the above article is represented as follows.



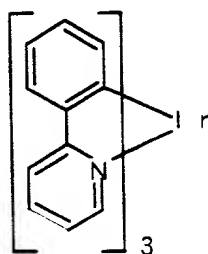
Replace the paragraph beginning at page 46, line 3 with the following rewritten paragraph:

The molecular formula of an EL material (Pt complex) reported by the above article is represented as follows.



Replace the paragraph beginning at page 45, line 10 with the following rewritten paragraph:

The molecular formula of an EL material (Ir complex) reported by the above article is represented as follows.



In the claims:

5. (Amended) A self-light emitting device according to claim 1, wherein said film made of an inorganic material comprises one or more of silicon nitride, tantalum oxide, aluminum nitride, and carbon.

6. (Amended) A self-light emitting device according to claim 2, wherein said film made of an inorganic material comprises one or more of silicon nitride, tantalum oxide, aluminum nitride, and carbon.

7. (Amended) A self-light emitting device according to claim 3, wherein said film made of an inorganic material comprises one or more of silicon nitride, tantalum oxide, aluminum nitride, and carbon.

8. (Amended) A self-light emitting device according to claim 4, wherein said film made

of an inorganic material comprises one or more of silicon nitride, tantalum oxide, aluminum nitride, and carbon.

9. (Amended) A self-light emitting device according to claim 1, wherein said film made of an organic material comprises one or more of polyamide, polyimide, acrylic resin, and benzocyclobuten.

10. (Amended) A self-light emitting device according to claim 2, wherein said film made of an organic material comprises one or more of polyamide, polyimide, acrylic resin, and benzocyclobuten.

11. (Amended) A self-light emitting device according to claim 3, wherein said film made of an organic material comprises one or more of polyamide, polyimide, acrylic resin, and benzocyclobuten.

12. (Amended) A self-light emitting device according to claim 4, wherein said film made of an organic material comprises one or more of polyamide, polyimide, acrylic resin, and benzocyclobuten.

13. (Amended) A self-light emitting device according to claim 1, wherein the self-light emitting device is incorporated in an electric appliance.

14. (Amended) A self-light emitting device according to claim 2, wherein the self-light emitting device is incorporated in an electric appliance.

15. (Amended) A self-light emitting device according to claim 3, wherein the self-light emitting device is incorporated in an electric appliance.

16. (Amended) A self-light emitting device according to claim 4, wherein the self-light emitting device is incorporated in an electric appliance.

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Attorney's Docket No.: 12732-024001 / US4798

REMARKS

Claims 1-22 are pending in this application with claims 1-4, 17, and 18 being independent. Claims 5-16 have been amended to place the application in better condition for initial examination. No new matter has been added.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned **"Version with markings to show changes made."**

The examiner is invited to contact the undersigned with any questions at the number set forth below. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: March 27, 2001



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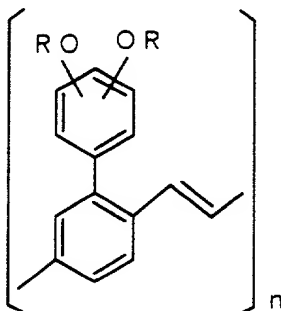
Version with markings to show changes made

In the specification:

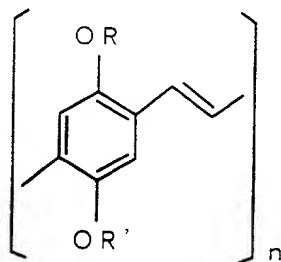
The paragraph beginning at page 12, line 17 has been amended as follows:

Although there are various types as the PPV organic EL material, for example, the following molecular formula is published ("H. Shenk, H. Becker, O. Gelsen, E. Kluge, W. Kreuder, and H. Spreitzer, "Polymers for Light Emitting Diodes", Euro Display, Proceedings, 1999, p. 33-37").

[[Chemical formula 1]]



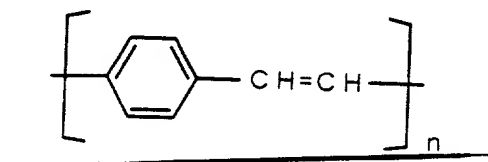
[[Chemical formula 2]]



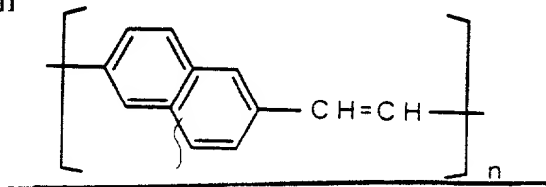
The paragraph beginning at page 13, line 2 has been amended as follows:

Besides, polyphenylvinyl of a molecular formula disclosed in Japanese Patent Application Laid-open No. Hei. 10-92576 can also be used. The molecular formula is as follows:

[[Chemical formula 3]]



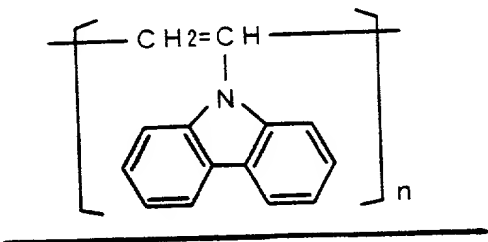
[[Chemical formula 4]]



The paragraph beginning at page 13, line 6 has been amended as follows:

Besides, as the PVK organic EL material, there is a molecular formula as follows:

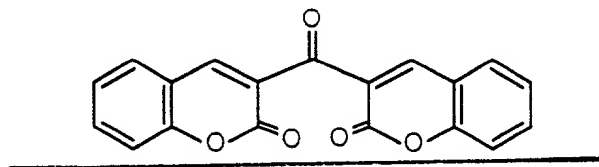
[[Chemical formula 5]]



The paragraph beginning at page 45, line 18 has been amended as follows:

The molecular formula of an EL material (coumarin pigment) reported by the above article is represented as follows.

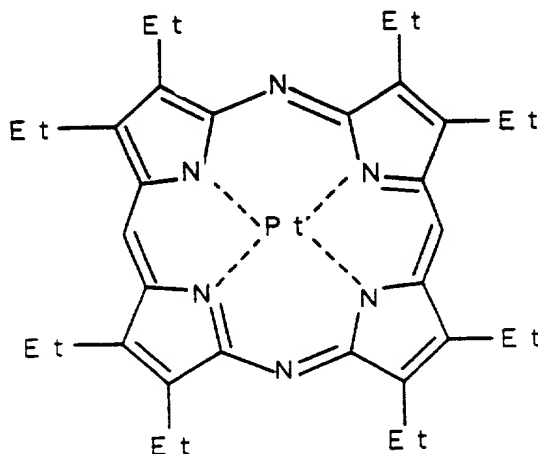
[[Chemical formula 6]]



The paragraph beginning at page 46, line 3 has been amended as follows:

The molecular formula of an EL material (Pt complex) reported by the above article is represented as follows.

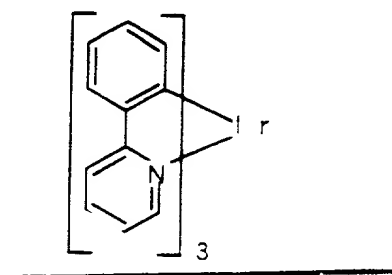
[[Chemical formula 7]]



The paragraph beginning at page 45, line 10 has been amended as follows:

The molecular formula of an EL material (Ir complex) reported by the above article is represented as follows.

[[Chemical formula 8]]



In the claims:

Claims 5-16 have been amended as follows:

5. (Amended) A self-light emitting device according to claim 1, wherein said film made of an inorganic material **[is formed from]** comprises one or more of silicon nitride, tantalum oxide, aluminum nitride, **[or]** and carbon.

6. (Amended) A self-light emitting device according to claim 2, wherein said film made of an inorganic material **[is formed from]** comprises one or more of silicon nitride, tantalum oxide, aluminum nitride, **[or]** and carbon.

7. (Amended) A self-light emitting device according to claim 2, wherein said film made of an inorganic material **[is formed from]** comprises one or more of silicon nitride, tantalum oxide, aluminum nitride, **[or]** and carbon.

8. (Amended) A self-light emitting device according to claim 2, wherein said film made of an inorganic material **[is formed from]** comprises one or more of silicon nitride, tantalum oxide, aluminum nitride, **[or]** and carbon.

9. (Amended) A self-light emitting device according to claim 1, wherein said film made of an organic material **[is formed from]** comprises one or more of polyamide, polyimide, acrylic resin, **[or]** and benzocyclobuten.

10. (Amended) A self-light emitting device according to claim 1, wherein said film made of an organic material **[is formed from]** comprises one or more of polyamide, polyimide, acrylic resin, **[or]** and benzocyclobuten.

11. (Amended) A self-light emitting device according to claim 1, wherein said film made of an organic material **[is formed from]** comprises one or more of polyamide, polyimide, acrylic resin, **[or]** and benzocyclobuten.

12. (Amended) A self-light emitting device according to claim 1, wherein said film made of an organic material **[is formed from]** comprises one or more of polyamide, polyimide, acrylic resin, **[or]** and benzocyclobuten.

13. (Amended) A self-light emitting device according to claim 1, wherein the self-light emitting device is incorporated in an **[An]** electric appliance **[using said self-light emitting device according to claim 1].**

14. (Amended) A self-light emitting device according to claim 2, wherein the self-light emitting device is incorporated in an [An] electric appliance [using said self-light emitting device according to claim 2].

15. (Amended) A self-light emitting device according to claim 3, wherein the self-light emitting device is incorporated in an [An] electric appliance [using said self-light emitting device according to claim 3].

16. (Amended) A self-light emitting device according to claim 4, wherein the self-light emitting device is incorporated in an [An] electric appliance [using said self-light emitting device according to claim 4].

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